

CLAIMS

1. A weighted scrub brush for scrubbing an upwardly facing surface, the weighted scrub brush comprising:

5 a brush head defining a leading end, a trailing end, a pair of laterally opposing ends, a downwardly facing bristle support surface, and an upwardly opening weight recess;

a plurality of bristles extending downwardly from the bristle support surface for contacting the upwardly facing surface;

10 a weight removably positioned within the weight recess; the weight defining first and second opposing ends;

a handle pivotally secured to one of the weight and the brush head;

15 a male support member on the first end of the weight or an interior wall of the weight recess and a female support member on the other of the first end of the weight or the interior wall of the weight recess for receiving the male support member, to secure the first end of the weight within the weight recess; and

a cantilevered support latch having a fixed end secured to the brush head adjacent the second end of the weight, and a free end partially overlapping the second end of the weight to secure the second end within the weight recess.

20 2. A weighted scrub brush as defined in Claim 1, further comprising:

an engagement member on the support latch spaced from the fixed end for flexing the support latch outwardly to move the free end of the latch away

from the second end of the weight and remove the weight from the weight recess.

3. A weighted scrub brush as defined in Claim 1, wherein the engagement member of the support latch comprises an upwardly projecting ridge
5 for engagement by a hand or foot.

4. A weighted scrub brush as defined in Claim 1, wherein the male support member includes one or more support projections laterally extending from the first end of the weight, and the female support member includes one or
10 more support recesses laterally receding into the interior wall of the weight recess.

5. A weighted scrub brush as defined in Claim 4, further comprising:
a liquid intake port for connecting with a liquid supply; and
15 a conduit extending from the liquid intake port to the brush head to dispense liquid from the conduit to the plurality of bristles.

6. A weighted scrub brush as defined in Claim 1, further comprising:
a roller secured to a central body portion of the brush head forward of the
20 handle, the roller radially extending upwardly and outwardly from the leading end of the brush head, such that the brush head may be pivoted to a forward, inverted position to roll the brush, the brush head extending laterally outwardly of the roller.

7. A weighted scrub brush as defined in Claim 1, wherein the brush head further comprises:

5 a pair of laterally opposing outer body portions extending laterally outward of a central body portion and defining the laterally opposing ends, the outer body portions being vertically lower than the central body portion to increase vertical clearance above the outer body portions.

8. A weighted scrub brush for scrubbing an upwardly facing surface,
10 the weighted scrub brush comprising:

a brush head defining a leading end, a trailing end, a pair of laterally opposing ends, a downwardly facing bristle support surface, and an upwardly opening weight recess;

15 a plurality of bristles extending downwardly from the bristle support surface for contacting the upwardly facing surface;

a weight removably positioned within the weight recess, the weight defining first and second opposing ends;

a handle pivotally secured to one of the weight and the brush head;

a liquid intake port for connecting with a liquid supply; and

20 a conduit extending from the liquid intake port to the brush head to dispense liquid from the conduit to the plurality of bristles.

9. A weighted scrub brush as defined in Claim 8, further comprising:

a liquid valve for controlling flow between the liquid supply and the conduit.

10. A weighted scrub brush as defined in Claim 9, further comprising:
5 a trigger secured to the handle for operating the liquid valve.

11. A weighted scrub brush as defined in Claim 8, further comprising:
a liquid distribution manifold having an input port for receiving liquid from
the conduit and a plurality of laterally spaced output ports for distributing liquid to
10 the bristles at different locations.

12. A weighted scrub brush as defined in Claim 11, wherein the liquid
distribution manifold is contained within the brush head.

15 13. A weighted scrub brush as defined in Claim 8, further comprising:
a chemical dispenser, including a dispenser port in fluid communication
with the conduit and a chemical supply vessel removably securable to the
dispenser port.

20 14. A weighted scrub brush as defined in Claim 13, wherein the
dispenser port is a venturi port for dispensing chemicals in response to liquid flow
through the conduit.

15. A weighted scrub brush as defined in Claim 13, further comprising:
a chemical valve for controlling flow between the chemical dispenser and
the conduit.

5 16. A weighted scrub brush as defined in Claim 8, further comprising:
a male support member on one of the weight and the brush head and a
female support member on the other of the weight and the brush head for
receiving the male support member, to secure the first end of the weight within
the weight recess; and
10 a cantilevered support latch having a fixed end secured to the brush head
adjacent the second end of the weight, and a free end partially overlapping the
second end of the weight to secure the second end within the weight recess.

17. A weighted scrub brush for scrubbing an upwardly facing surface,
15 the weighted scrub brush comprising:
a brush head defining a leading end, a trailing end, a downwardly facing
bristle support surface, an upwardly opening weight recess, a central body
portion, and a pair of laterally opposing outer body portions extending laterally
outward of the central body portion and defining a pair of laterally opposing ends;
20 a plurality of bristles extending downwardly from the bristle support
surface for contacting the upwardly facing surface;
a weight removably positioned within the weight recess, the weight
defining first and second opposing ends; and

a handle pivotally secured to one of the weight and the brush head; and
a roller secured to a central body portion of the brush head forward of the handle, the roller radially extending upwardly and outwardly from the leading end of the brush head, such that the brush head may be pivoted to a forward,
5 inverted position to roll the brush, the outer body portions extending laterally outwardly of the roller and being vertically lower than the central body portion to increase vertical clearance above the outer body portions.

18. A weighted scrub brush as defined in Claim 17, wherein the
10 laterally opposing outer body portions taper downwardly toward the laterally opposing ends.

19. A weighted scrub brush as defined in Claim 18, wherein the weight recess extends at least partially into the outer body portions of the brush head,
15 the weight tapering downwardly toward the laterally opposing ends of the brush head such that an upper surface of the weight is recessed fully within the weight recess.

20. A weighted scrub brush as defined in Claim 17, further comprising:
20 a male support member on the first end of the weight or an interior wall of the weight recess and a female support member on the other of the first end of the weight or the interior wall of the weight recess for receiving the male support member, to secure the first end of the weight within the weight recess; and

a cantilevered support latch having a fixed end secured to the brush head adjacent the second end of the weight, and a free end partially overlapping the second end of the weight to secure the second end within the weight recess.